



NOAA - National Weather Service

Tampa Bay Area

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August 2016 Ends Up in the Top Ten Warmest and Wettest August's in Some Parts of West Central and Southwest Florida

August 2016 was a rather warm month with several locations in the Top Ten Warmest August's since records began. Also, thanks to the deep moisture out ahead of Tropical Storm Hermine some daily record rainfall amounts occurred near the coast from around the Tampa Bay Area south through about Venice which pushed a few sites into the Top Ten Wettest August's. In the tables below is the list of locations available so far that ended up in the Top Ten Warmest/Wettest for August.

AUGUST TEMPERATURE (deg F) :

Location	Rank	August 2016 Avg Temp	Normal Aug Temperature	Departure fm Normal
Sarasota-Bradenton	2nd	84.7	82.2	+2.5
Chiefland 5 SE	3rd	82.7	80.1	+2.6
Punta Gorda 4 ESE	3rd(tie)	84.7	83.2	+1.5
Plant City	4th(tie)	83.7	81.8	+1.9
Inverness 3 SE	5th	83.3	81.5	+1.8
Lakeland	6th(tie)	83.9	82.3	+1.6
Tampa	10th(tie)	83.8	83.2	+0.6

AUGUST RAINFALL (inches) :

Location	Rank	August 2016 Rain Total	Normal Aug Rainfall	Departure fm Normal
St Petersburg	9th	15.49	8.38	+7.11
Venice	7th	12.94	7.78	+5.16
Wauchula	9th	11.45	7.80	+3.65
Lakeland	9th	11.37	8.50	+2.87

AUGUST 31ST DAILY RAINFALL RECORDS (inches):

Location	Aug 31 Rain Total	Old Aug 31 Daily Record
Sarasota-Bradenton	*7.76*	1.82 in 1988
Venice	5.47	3.07 in 1987
St Petersburg	5.01	1.79 in 1932
Bartow	4.52	3.62 in 1903
Tampa	4.04	3.02 in 1960
Lakeland	3.48	2.01 in 2005
Tarpon Springs	3.27	2.68 in 1937

*The August 31, 2016 rainfall total of 7.76 inches at Sarasota-Bradenton is a New Daily Record For Any Day of August since records began in 1911. The former daily record for the month of August was 5.90 inches on August 14, 1928.

On the following pages are tables of the Top Ten Warmest and Top Ten Wettest/Driest August's for some sites across the region, including the August 2016 average/totals, and the 1981 to 2010 Normals.

CHIEFLAND 5 SE (records began in June 1956):

Warmest August's	Wettest August's	Driest August's
1 83.4 in 1980	1 20.44 in 1971	1 3.17 in 1980
2 82.8 in 1999	2 17.10 in 1986	2 3.71 in 1973
3 82.7 in 2016	3 16.59 in 1985	3 3.97 in 2000
4 82.6 in 2015	4 16.44 in 2015	4 4.06 in 1956
5 82.5 in 2011	5 14.61 in 1988	5 5.28 in 2014
82.5 in 1987	6 14.55 in 1961	6 5.39 in 2009
7 82.3 in 2014	7 14.43 in 1979	7 5.50 in 1963
8 82.2 in 2007	8 14.33 in 2010	8 5.51 in 1976
82.2 in 1998	14.33 in 1966	9 5.72 in 1987
10 81.9 in 1959	10 14.23 in 1968	10 5.88 in 1989

	23 10.86 in 2016	37 10.86 in 2016

Normal Temperature for August at CHIF1 = 80.1
Normal Rainfall for August at CHIF1 = 9.79

INVERNESS 3 SE (records began in July 1948):

Warmest August's		Wettest August's		Driest August's	
1	84.4 in 2011	1	16.70 in 1949	1	1.77 in 1963
2	84.0 in 2010	2	16.58 in 2008	2	2.43 in 1993
3	83.7 in 1954	3	16.19 in 1961	3	3.08 in 2013
4	83.4 in 1956	4	15.87 in 1953	4	3.27 in 1999
5	83.3 in 2016	5	15.03 in 1992	5	3.86 in 1989
6	83.2 in 1955	6	13.35 in 1985	6	3.88 in 1997
7	83.0 in 1983	7	13.15 in 1970	7	4.18 in 2014
	83.0 in 1963	8	12.97 in 1965	8	4.48 in 1987
9	82.9 in 2013	9	12.43 in 1968	9	4.50 in 1973
	82.9 in 1999	10	12.24 in 1977	10	4.57 in 2001
		
		28	8.82 in 2016	40	8.82 in 2016

Normal Temperature for August at INVFl = 81.5

Normal Rainfall for August at INVFl = 7.90

BROOKSVILLE AREA (records began in January 1892):

Warmest August's		Wettest August's		Driest August's	
1	83.9 in 1926	1	23.95 in 1949	1	2.61 in 1955
2	83.8 in 2011	2	20.91 in 1945	2	2.65 in 1958
3	83.2 in 1928	3	17.47 in 1905	3	2.68 in 2002
4	83.1 in 1927	4	17.13 in 1928	4	2.76 in 1963
5	82.9 in 2013	5	16.34 in 1901	5	3.45 in 1919
	82.9 in 1963	6	14.84 in 1965	6	3.68 in 2009
	82.9 in 1941		14.84 in 1957	7	3.76 in 1916
	82.9 in 1933	8	14.19 in 1995	8	3.88 in 1951
9	82.8 in 1909	9	13.74 in 1910	9	4.12 in 1976
10	82.7 in 2005	10	13.68 in 1939	10	4.15 in 1997
	82.7 in 1993	
...		56	7.92 in 2016	63	7.92 in 2016
21	82.1 in 2016				
	82.1 in 2012				
	82.1 in 1995				
	82.1 in 1938				

Normal Temperature for August at BKV = 81.0

Normal Rainfall for August at BKV = 7.72

ST LEO (records began in April 1895):

Warmest August's		Wettest August's		Driest August's	
1	84.8 in 2007	1	20.16 in 1898	1	2.16 in 1930
2	84.7 in 2005	2	19.75 in 1901	2	2.72 in 1980
3	84.1 in 1900	3	17.60 in 1945	3	2.97 in 1921
4	84.0 in 1987	4	16.99 in 1979	4	3.05 in 1915
5	83.9 in 1941	5	16.26 in 1905	5	3.78 in 1938
6	83.7 in 1924	6	16.08 in 1965	6	3.90 in 1941
7	83.6 in 2006	7	14.97 in 1967	7	4.03 in 1996
	83.6 in 1983	8	14.56 in 1917		4.03 in 1976
	83.6 in 1951	9	14.20 in 1942	9	4.17 in 1924
	83.6 in 1899	10	13.14 in 1949	10	4.25 in 2005
...		
86	81.0 in 2016	38	9.32 in 2016	79	9.32 in 2016
	in 2012				
	in 1994				
	in 1977				

Normal Temperature for August at STLf1 = 82.6

Normal Rainfall for August at STLf1 = 7.87

TARPON SPRINGS (records began in January 1892):

Warmest August's		Wettest August's		Driest August's	
1	84.9 in 1995	1	23.60 in 1949	1	1.96 in 1930
2	84.3 in 1993	2	20.99 in 1906	2	2.02 in 1899
3	84.2 in 2014	3	18.52 in 1969	3	2.39 in 1963
	84.2 in 2007	4	17.77 in 1957	4	2.57 in 2001
	84.2 in 1999	5	17.06 in 1928	5	2.84 in 1964
	84.2 in 1997	6	16.99 in 2010	6	2.90 in 1934
7	84.0 in 2005	7	16.80 in 1905	7	3.70 in 2006
	84.0 in 2004	8	16.67 in 1939	8	3.72 in 1921
	84.0 in 1941	9	16.05 in 1898	9	4.33 in 1916
10	83.9 in 2011	10	15.83 in 1971	10	4.39 in 1936
	83.9 in 1998	
	83.9 in 1951	22	12.25 in 2016	98	12.25 in 2016
...					
17	83.5 in 2016				
	in 2010				
	in 1996				
	in 1942				

Normal Temperature for August at TRPF1 = 82.1

Normal Rainfall for August at TRPF1 = 8.32

TAMPA AREA (records began in April 1890):

Warmest August's		Wettest August's		Driest August's	
1	85.1 in 2011	1	18.59 in 1949	1	0.78 in 1938
	85.1 in 1941	2	17.83 in 1898	2	2.35 in 1952
3	84.9 in 2007	3	16.47 in 2015	3	2.38 in 1921
4	84.7 in 2005	4	15.17 in 1932	4	2.83 in 2001
5	84.4 in 1951	5	14.90 in 2003	5	3.27 in 1990
6	84.3 in 2014	6	14.66 in 1905	6	3.47 in 1924
	84.3 in 2010	7	14.29 in 1939	7	3.52 in 2009
8	83.9 in 2009	8	14.03 in 2004	8	3.63 in 1919
	83.9 in 1990	9	13.75 in 1995	9	3.75 in 1907
10	83.8 in 2016	10	13.01 in 1925	10	3.87 in 1941
	83.8 in 2013		13.01 in 1909		
		12	12.76 in 1979		
		13	12.71 in 2016		

Normal Temperature for August at TPA = 83.2

Normal Rainfall for August at TPA = 7.77

ST PETERSBURG (records began in August 1914):

Warmest August's		Wettest August's		Driest August's	
1	87.5 in 2005	1	21.85 in 1939	1	0.82 in 1938
2	85.7 in 2013	2	19.57 in 1949	2	2.96 in 1941
3	85.3 in 2014	3	18.62 in 1915	3	3.01 in 1984
	85.3 in 1941	4	17.93 in 1967	4	3.21 in 1998
5	85.2 in 2007	5	17.75 in 1995	5	3.33 in 1951
6	85.0 in 2010	6	16.65 in 1971	6	3.37 in 1919
	85.0 in 1980	7	16.53 in 1945	7	3.40 in 1933
8	84.8 in 1987	8	16.04 in 1922	8	3.66 in 2005
9	84.7 in 2011	9	15.49 in 2016	9	3.67 in 1996
10	84.6 in 2006	10	15.33 in 1947	10	4.30 in 1914
	84.6 in 1998				
	84.6 in 1924				

...

Tied for 92nd Warmest/10th Coolest at 81.9 in 2016

Normal Temperature for August at SPG = 83.9

Normal Rainfall for August at SPG = 8.38

PLANT CITY (records began in September 1892):

Warmest August's		Wettest August's		Driest August's	
1	84.3 in 2011	1	17.79 in 2004	1	1.87 in 1902
2	83.9 in 2007	2	17.48 in 1953	2	2.44 in 1960
	83.9 in 1980	3	17.17 in 1949	3	3.62 in 1912
4	83.7 in 2016	4	15.69 in 1906	4	3.96 in 1938
	83.7 in 2005	5	15.06 in 1898	5	3.98 in 1996
6	83.4 in 2010	6	14.96 in 1939	6	4.08 in 1954
7	83.3 in 1951	7	14.04 in 1967	7	4.29 in 1991
	83.3 in 1924	8	13.95 in 1979	8	4.58 in 1997
9	83.1 in 1903	9	13.92 in 1908	9	4.76 in 1914
10	83.0 in 2009	10	13.70 in 1969	10	4.80 in 1934
	83.0 in 1963	11	13.48 in 1905		
	83.0 in 1915	12	13.45 in 2016		

Normal Temperature for August at PLCF1 = 81.8

Normal Rainfall for August at PLCF1 = 8.32

LAKELAND (records began in January 1915):

Warmest August's		Wettest August's		Driest August's	
1	85.1 in 1987	1	15.57 in 1948	1	3.40 in 1942
2	84.6 in 1995	2	15.19 in 2010	2	3.58 in 1921
3	84.4 in 1989	3	14.15 in 1935	3	3.65 in 1947
4	84.3 in 2011	4	13.49 in 1915	4	3.73 in 1930
	84.3 in 2010	5	12.52 in 2004	5	3.89 in 1950
6	83.9 in 2016	6	12.23 in 2015	6	3.98 in 1960
	83.9 in 2005	7	11.97 in 1928	7	4.56 in 1982
	83.9 in 1993	8	11.93 in 1949	8	4.61 in 1934
9	83.8 in 2013	9	11.37 in 2016	9	4.68 in 1970
	83.8 in 1988	10	10.93 in 1998	10	4.75 in 1997
	83.8 in 1941				

Normal Temperature for August at LLDF1 = 82.3

Normal Rainfall for August at LLDF1 = 8.50

WINTER HAVEN AREA (records began in January 1941):

Warmest August's		Wettest August's		Driest August's	
1	85.6 in 1989	1	14.59 in 1949	1	1.78 in 1960
2	85.5 in 2005	2	12.76 in 1977	2	2.04 in 1980
3	84.9 in 1941	3	12.21 in 1952	3	2.63 in 1942
4	84.7 in 2011	4	11.94 in 1992	4	2.69 in 2005
	84.7 in 2007	5	11.78 in 1995	5	3.09 in 1954
6	84.5 in 1951	6	11.40 in 2002	6	3.31 in 1998
7	84.4 in 2010	7	11.39 in 1981	7	3.55 in 2004
8	84.2 in 2014		11.39 in 1957	8	3.65 in 1970
	84.2 in 2006	9	11.25 in 1948	9	3.73 in 1955
	84.2 in 1991	10	11.22 in 2011	10	3.96 in 1945
11	84.1 in 2016	
		50	5.25 in 2016	21	5.25 in 2016

Normal Temperature for August at GIF = 83.2

Normal Rainfall for August at GIF = 7.86

BARTOW (records began in June 1892):

Warmest August's		Wettest August's		Driest August's	
1	87.4 in 2014	1	14.62 in 1905	1	1.60 in 2014
2	86.1 in 2013	2	14.39 in 1949	2	2.45 in 1912
3	84.6 in 1984	3	14.38 in 1909	3	2.60 in 1987
	84.6 in 1951	4	13.38 in 2003	4	2.98 in 1936
5	84.1 in 1941	5	13.01 in 1981	5	3.02 in 1950
	84.1 in 1924	6	12.83 in 1928	6	3.18 in 1938
7	83.9 in 2005	7	12.65 in 1992	7	3.57 in 1930
	83.9 in 1999	8	12.39 in 1901	8	3.74 in 1996
	83.9 in 1997	9	12.05 in 1957	9	4.29 in 1991
10	83.7 in 1954	10	11.97 in 1967	10	4.36 in 1974
...		
13	83.5 in 2016	31	9.90 in 2016	96	9.90 in 2016
	in 1995				

Normal Temperature for August at BARF1 = 83.0

Normal Rainfall for August at BARF1 = 7.85

SARASOTA-BRADENTON (records began in January 1911):

Warmest August's		Wettest August's		Driest August's	
1	85.0 in 2014	1	24.42 in 1981	1	2.51 in 1938
2	84.7 in 2016	2	19.97 in 1959	2	2.52 in 1930
3	84.5 in 2011	3	19.73 in 1949	3	3.09 in 1944
4	84.2 in 2007	4	19.35 in 1922	4	3.10 in 1952
5	83.9 in 1995	5	18.14 in 1928	5	3.11 in 2001
6	83.8 in 2005	6	17.79 in 2003	6	3.20 in 1996
	83.7 in 1990	7	17.63 in 1999	7	3.91 in 2008
8	83.7 in 1987	8	17.04 in 1939	8	3.93 in 1963
9	83.6 in 1998	9	16.09 in 1913	9	3.96 in 1984
10	83.4 in 2010	10	15.92 in 1962	10	3.97 in 2014
	83.4 in 2009	...			
	83.4 in 1989	14 14.50 in 2016			

Normal Temperature for August at SRQ = 82.2

Normal Rainfall for August at SRQ = 9.14

VENICE (records began in April 1955):

Warmest August's		Wettest August's		Driest August's	
1	86.0 in 2010	1	16.77 in 1995	1	2.96 in 2007
2	85.4 in 2011	2	16.47 in 2006	2	3.00 in 2005
	85.4 in 2009	3	15.76 in 1984	3	3.04 in 1955
4	84.8 in 2012	4	13.69 in 2015	4	3.10 in 2014
5	84.7 in 1998	5	13.41 in 2001	5	3.21 in 1997
6	84.5 in 1988	6	13.11 in 1991	6	3.25 in 1990
7	84.2 in 1997	7 12.94 in 2016		7	3.28 in 1958
8	84.1 in 2013	8	12.56 in 2008	8	3.49 in 1984
	84.1 in 2005	9	11.72 in 1971	9	3.51 in 1956
10	83.9 in 2014	10	10.69 in 1987	10	4.06 in 1963
	...				
14 83.0 in 2016					
	in 2015				
	in 2003				
	in 1996				

Normal Temperature for August at VNCF1 = 82.6

Normal Rainfall for August at VNCF1 = 7.78

MYAKKA RIVER STATE PARK (Temperature records began in March 1956
and Rainfall records began in Sep 1943):

Warmest August's	Wettest August's	Driest August's
1 86.7 in 1993	1 19.85 in 1981	1 2.81 in 2005
2 85.0 in 1998	2 18.61 in 1971	2 3.44 in 1991
3 84.3 in 2005	3 18.45 in 2003	3 3.94 in 2001
84.3 in 1999	4 16.60 in 1949	4 5.05 in 1974
5 84.1 in 2011	5 15.99 in 1980	5 5.17 in 1976
6 84.0 in 2010	6 15.66 in 1999	6 5.32 in 1996
7 83.9 in 1997	7 15.62 in 1988	7 5.33 in 1944
83.8 in 2015	8 14.54 in 1965	8 5.35 in 1956
9 83.4 in 2014	9 14.34 in 2002	9 5.48 in 1948
83.4 in 2013	10 14.21 in 1963	10 5.58 in 1989
83.4 in 1991		

Average Temperature for August 2016 = Not Available At This Time
Normal Temperature for August at MKCF1 = 82.4

Total Rainfall for August 2016 = Not Available At This Time
Normal Rainfall for August at MKCF1 = 9.65

WAUCHULA 2 N (records began in January 1933):

Warmest August's	Wettest August's	Driest August's
1 85.4 in 2009	1 15.53 in 1949	1 2.66 in 1982
2 85.2 in 2007	2 14.17 in 2010	2 2.97 in 1938
3 84.2 in 1941	3 14.04 in 2015	3 3.30 in 1958
4 83.6 in 1993	4 12.76 in 1992	4 3.67 in 2005
5 83.5 in 1989	5 12.54 in 1943	5 3.75 in 1957
83.5 in 1987	6 12.46 in 1953	6 4.17 in 1965
7 83.4 in 2005	7 12.28 in 2003	7 4.24 in 1970
8 83.3 in 2016	8 12.11 in 1956	8 4.48 in 2009
83.3 in 1983	9 11.45 in 2016	9 4.52 in 1933
10 83.2 in 2008	10 10.80 in 1990	10 4.59 in 1941

Normal Temperature for August at WAUF1 = 83.7
Normal Rainfall for August at WAUF1 = 7.80

ARCADIA (records began in January 1899):

Warmest August's	Wettest August's	Driest August's
1 83.9 in 1919	1 19.54 in 2004	1 2.37 in 1996
83.9 in 1917	2 18.24 in 1908	2 2.95 in 1938
3 83.6 in 1951	3 17.41 in 1967	3 3.31 in 1991
4 83.5 in 1915	4 16.22 in 1949	4 3.36 in 2007
5 83.4 in 1941	5 15.72 in 2011	5 3.46 in 1934
6 83.3 in 1990	6 13.89 in 1925	6 3.67 in 1999
83.3 in 1903	7 13.57 in 1981	7 3.84 in 1989
8 83.2 in 2005	8 13.56 in 2008	8 4.01 in 1954
9 83.1 in 2011	9 13.55 in 1994	9 4.31 in 1923
10 83.0 in 2014	10 13.52 in 1927	10 4.40 in 1915
83.0 in 1954		
83.0 in 1935		
83.0 in 1902		

Average Temperature for August 2016 = Not Available At This Time
Normal Temperature for August at ARCF1 = 81.7

Total Rainfall for August 2016 = Not Available At This Time
Normal Rainfall for August at ARCF1 = 7.99

ARCHBOLD BIO STN (records began in January 1969):

Warmest August's	Wettest August's	Driest August's
1 83.3 in 2010	1 17.27 in 2001	1 1.94 in 1994
2 82.8 in 2014	2 16.89 in 1974	2 2.71 in 1972
3 82.7 in 2015	3 14.85 in 2013	3 2.75 in 2003
82.7 in 2011	4 13.09 in 1984	4 3.14 in 2011
5 82.5 in 2005	5 12.79 in 2014	5 3.50 in 1987
6 82.4 in 2009	6 12.06 in 2008	6 4.24 in 1992
82.4 in 1987	7 11.05 in 2002	7 4.28 in 1977
8 82.3 in 1969	8 11.03 in 1993	8 4.40 in 2000
9 82.1 in 1998	9 10.93 in 2010	9 4.55 in 1999
10 82.0 in 1995	10 10.89 in 1990	10 4.71 in 1996

Average Temperature for August 1-29, 2016 = 83.7
Normal Temperature for August at ACHF1 = 80.9

Total Rainfall for August 1-29, 2016 = 4.76
Normal Rainfall for August at ACHF1 = 8.31

PUNTA GORDA 4 ESE (records began in May 1914):

Warmest August's		Wettest August's		Driest August's	
1	85.1 in 1951	1	19.56 in 1928	1	1.86 in 1927
2	84.9 in 2011	2	15.60 in 1995	2	2.07 in 1938
3	84.7 in 2014	3	14.75 in 2009	3	2.78 in 1936
	84.7 in 2014	4	14.67 in 2006	4	3.36 in 1976
5	84.5 in 1998	5	14.61 in 2004	5	3.41 in 1997
	84.5 in 1987	6	14.01 in 1922	6	3.50 in 1984
7	84.3 in 2007	7	13.59 in 2013	7	3.55 in 1952
8	84.1 in 2015	8	13.42 in 1949	8	3.82 in 1978
9	84.0 in 2009	9	13.03 in 1959	9	3.93 in 1955
10	83.9 in 1999	10	12.45 in 1967	10	4.02 in 1943
					4.02 in 1921
...		
		65	6.67 in 2016	34	6.67 in 2016

Normal Temperature for August at PNTF1 = 83.2

Normal Rainfall for August at PNTF1 = 8.01

FORT MYERS AREA (records began in January 1902):

Warmest August's		Wettest August's		Driest August's	
1	85.2 in 1997	1	17.64 in 1932	1	3.12 in 1919
2	84.8 in 1987	2	16.82 in 2004	2	3.14 in 1927
3	84.4 in 2014	3	16.80 in 2003	3	3.55 in 1934
	84.4 in 2005	4	16.73 in 1981	4	3.97 in 1902
	84.4 in 1985	5	16.22 in 1972	5	3.98 in 1963
6	84.3 in 1995	6	15.86 in 1967	6	4.07 in 1996
	84.3 in 1981	7	14.97 in 1990	7	4.12 in 1958
	84.3 in 1979	8	14.81 in 1926	8	4.26 in 1964
9	84.2 in 2010	9	14.79 in 1979	9	4.29 in 1955
	84.2 in 2007	10	14.59 in 1909	10	4.32 in 1953
					4.32 in 1924
...		
17	83.9 in 2016	22	11.01 in 2016		
	in 2008			94	11.01 in 2016
	in 1962				

Normal Temperature for August at FMY = 83.4

Normal Rainfall for August at FMY = 10.14

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